



# G6PC2 rabbit pAb

Cat No.:ES16294

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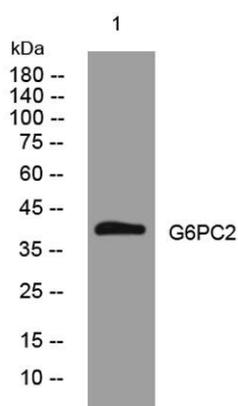
## Overview

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | G6PC2 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB   |
| <b>Species Cross-Reactivity</b> | Human; Mouse   |
| <b>Recommended dilutions</b>    | WB 1:500-2000  |
| <b>Immunogen</b>                | Synthesized peptide derived from human G6PC2 AA range: 175-225   |
| <b>Specificity</b>              | This antibody detects endogenous levels of G6PC2 at Human/Mouse  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | G6PC2  |
| <b>Gene Name</b>                | G6PC2 IGRP   |
| <b>Cellular localization</b>    | Endoplasmic reticulum membrane ; Multi-pass membrane protein .   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            | 38kD   |
| <b>Human Gene ID</b>            | 57818  |
| <b>Human Swiss-Prot Number</b>  | Q9NQR9   |
| <b>Alternative Names</b>        | Glucose-6-phosphatase 2 (G-6-Pase 2) (G6Pase 2) (EC 3.1.3.9) (Islet-specific glucose-6-phosphatase catalytic subunit-related protein)  |
| <b>Background</b>               | This gene encodes an enzyme belonging to the glucose-6-phosphatase catalytic subunit family. These enzymes are part of a multicomponent integral membrane system that catalyzes the hydrolysis of glucose-6-phosphate, the terminal step in gluconeogenic and glycogenolytic pathways, |





allowing the release of glucose into the bloodstream. The family member encoded by this gene is found in pancreatic islets and does not exhibit phosphohydrolase activity, but it is a major target of cell-mediated autoimmunity in diabetes. Several alternatively spliced transcript variants of this gene have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night

